

```

For each i          /* rows */
    for each j          /* columns */
        for each u          /* u = 0,1,..., k */
            MMu(i,j) = Mu(i,j) +  $\sum_{x,y} w_u(x,y) e_u(i-x, j-y)$ 
5        endfor (u)
        ExOut(i,j) = argmincu ∈ C ( $\sum_u v_u |MM_u(k,1) - c_u|^p$ )1/p
            /* cu is the (u+1)-th coordinate of c */
        (e0(i,j), ... ek(i,j)) = (MM0(i,j), MM1(i,j), ...
                                            MMk(i,j)) - ExOut(i,j)
10       endfor (j)
    endfor (i)
Set embedded source image M0' as the first
coordinates of ExOut.

```

Figure 1A

15

Figure 1B

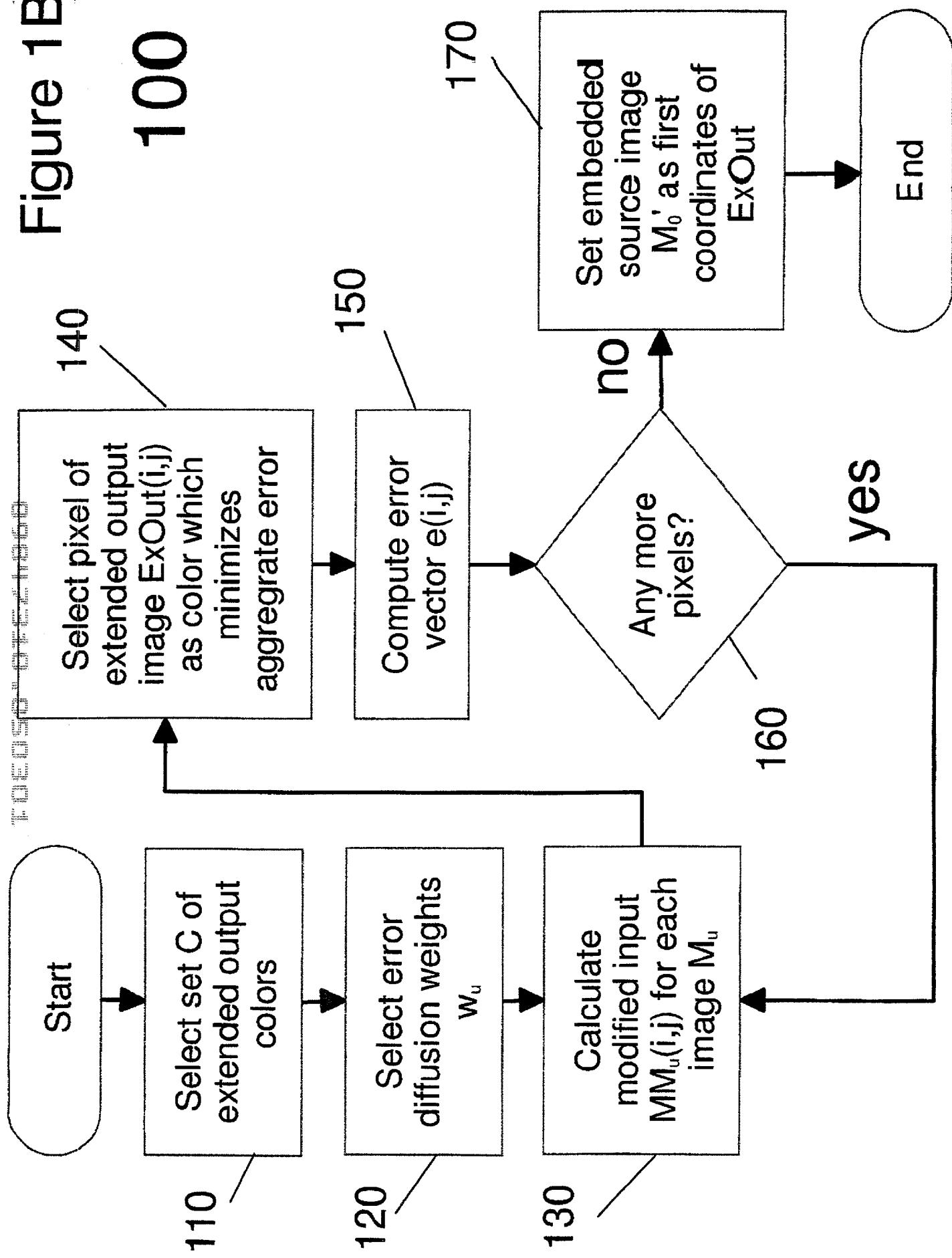




FIGURE 2A

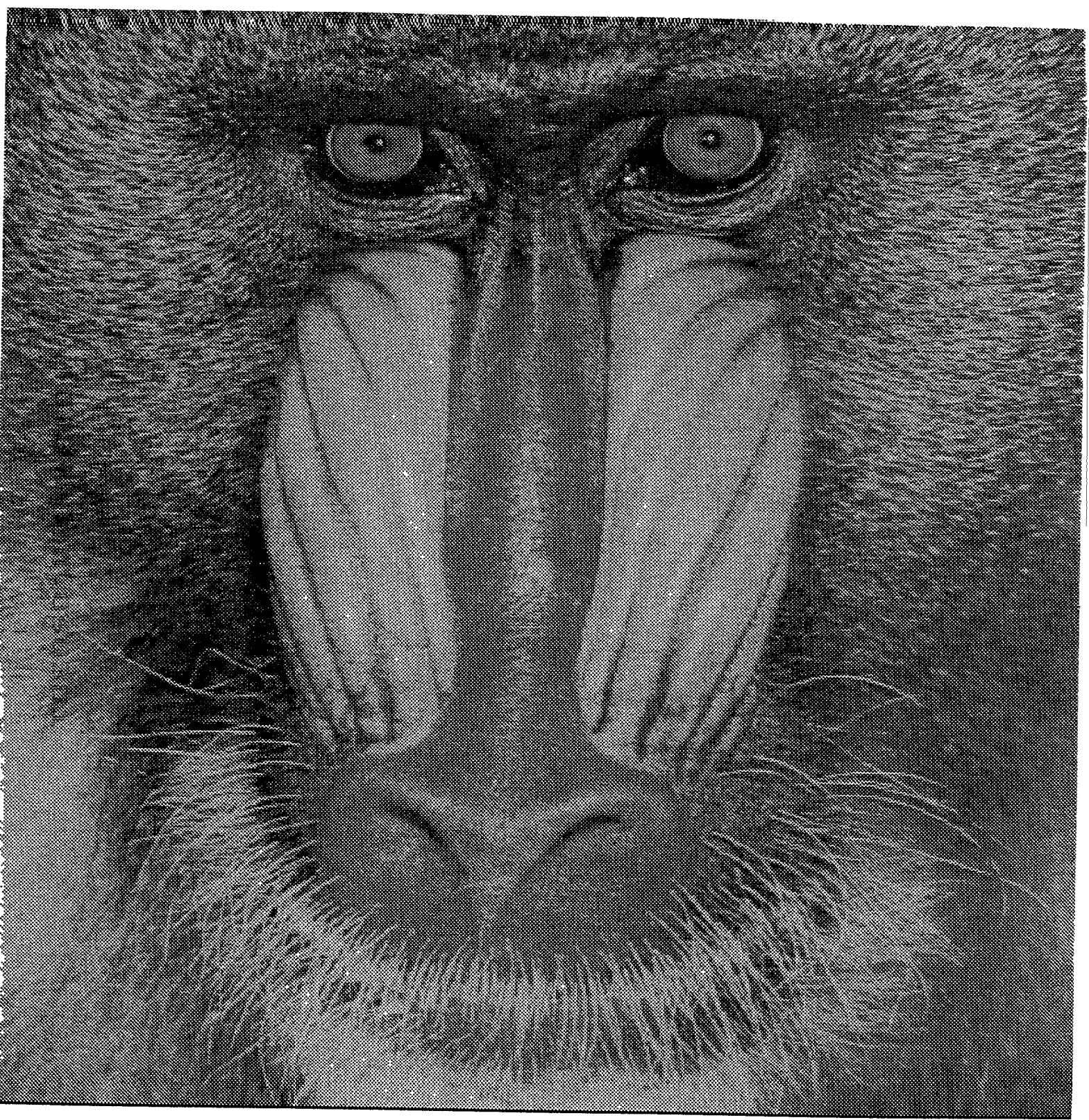


FIGURE 2B



FIGURE 2C

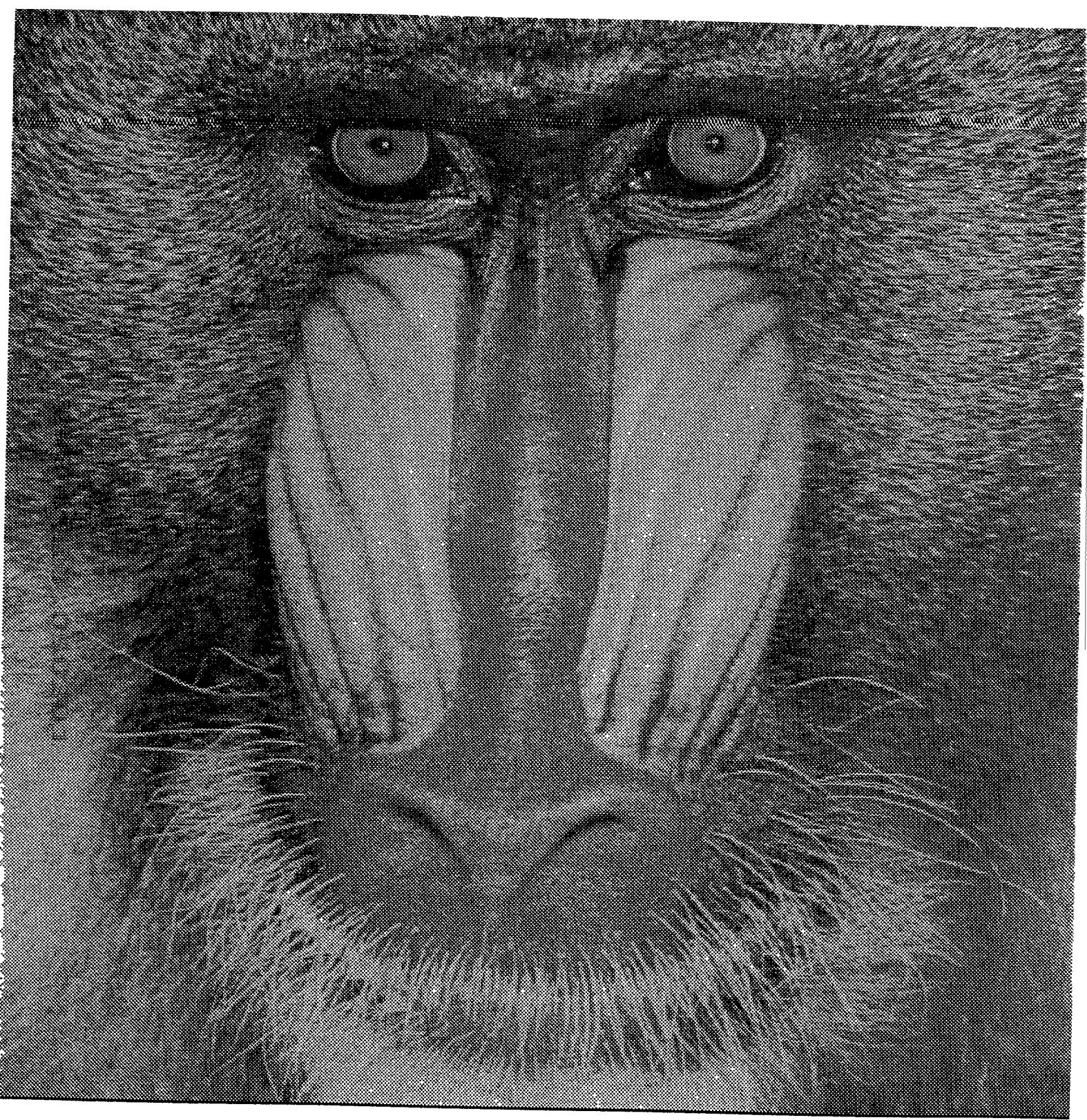


FIGURE 2D

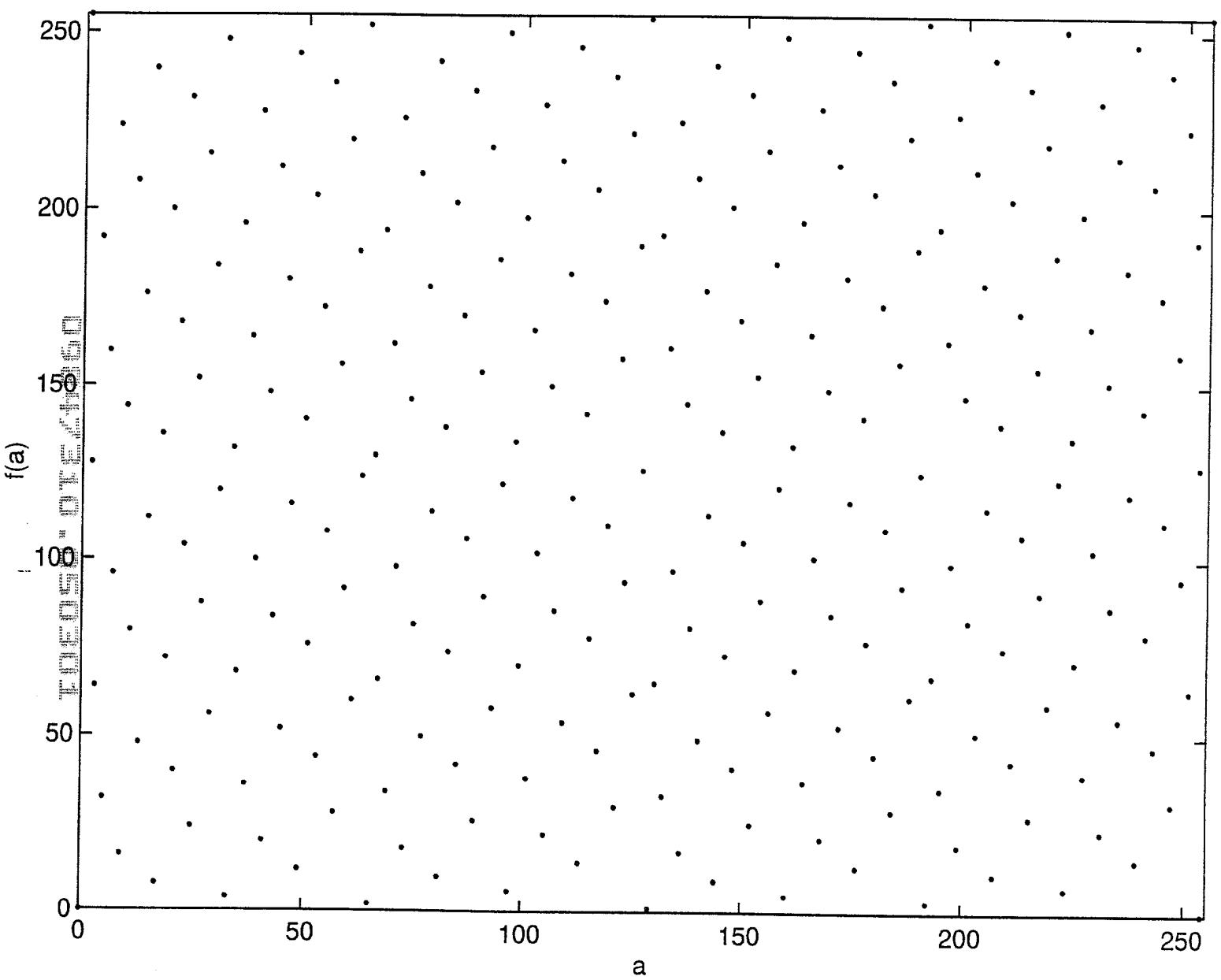


FIGURE 3A

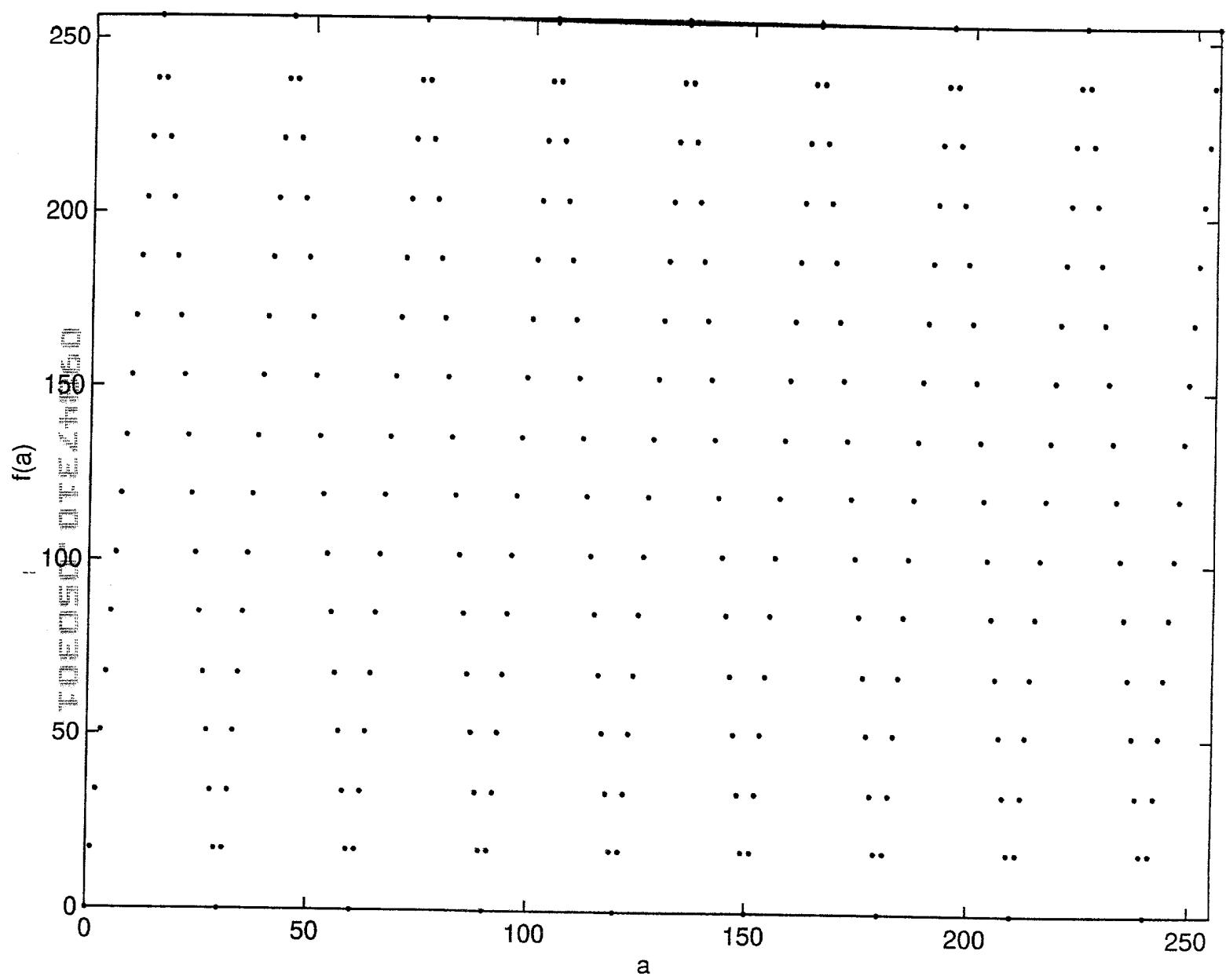


FIGURE 3B



FIGURE 4A

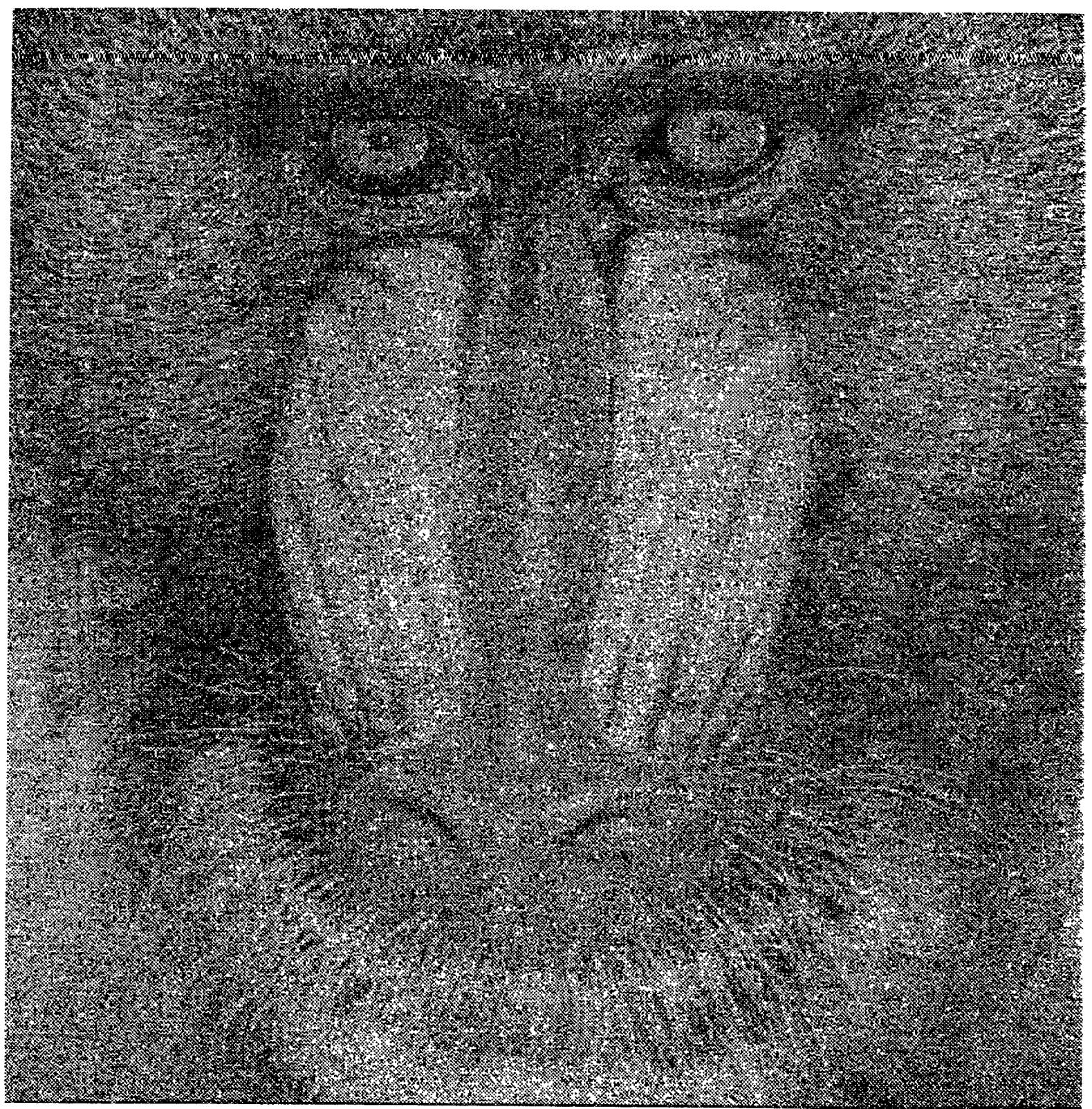


FIGURE 4B

```

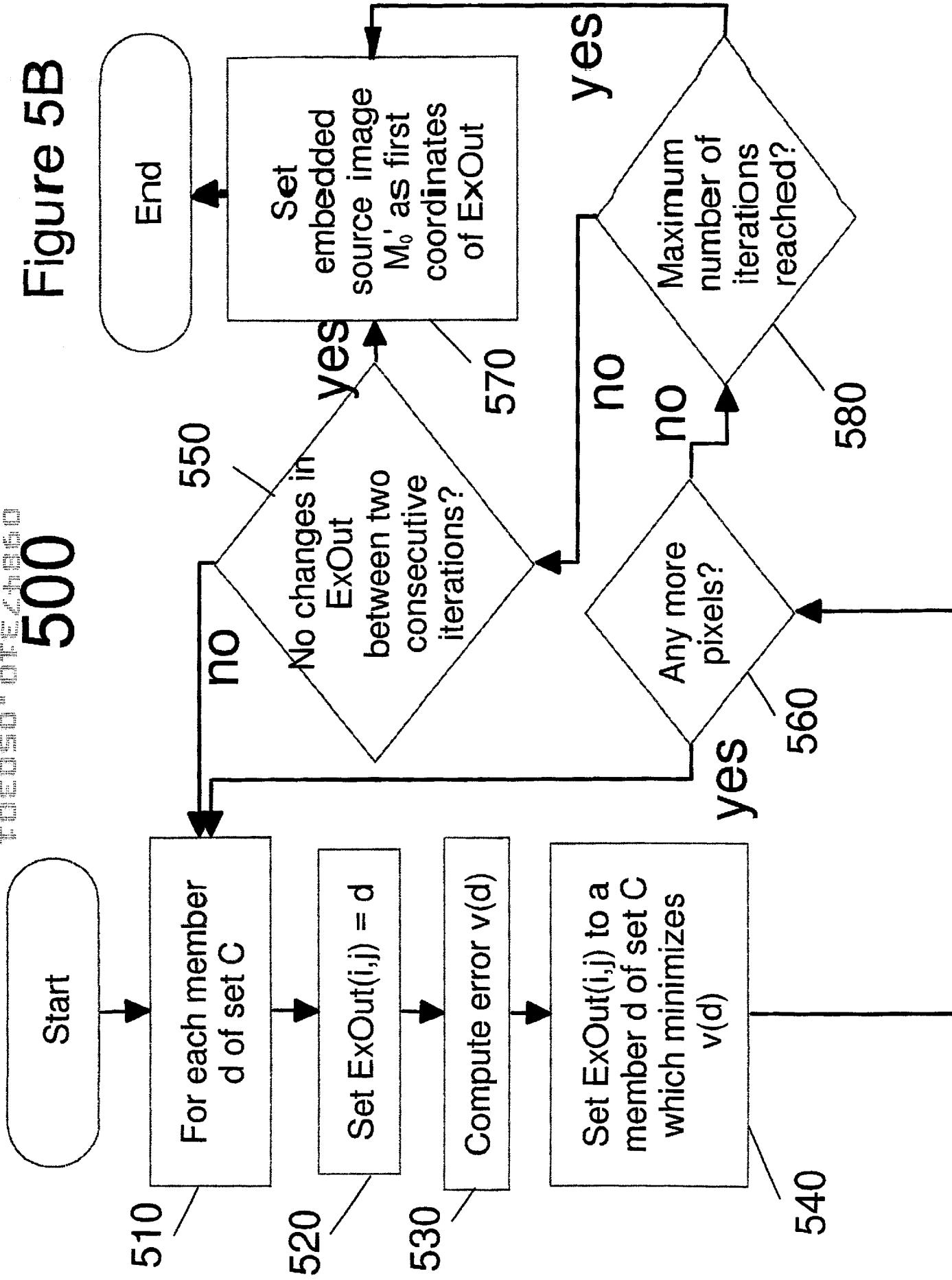
For each iteration          /* iteration */
  for each i              /* rows */
    for each j              /* column */
      for each member d of C /* search through
5                                all possible members
                                of C */
      set ExOut(i,j) = d
      compute
      v(d)=|L(ExOut0 - M0)|^2+|L(PExOut1 - M0)|^2
10    endfor (d)
      set ExOut(i,j) = argmind v(d)
      endfor (j)
      endfor (i)
    endfor (iteration) or until ExOut has not changed
15    between two consecutive iterations.
    Set embedded source image M0' as the first
    coordinates of ExOut.

```

Figure 5A

Figure 5B

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Test

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FIGURE 6A



FIGURE 6B



FIGURE 6C



FIGURE 6D



FIGURE 6E

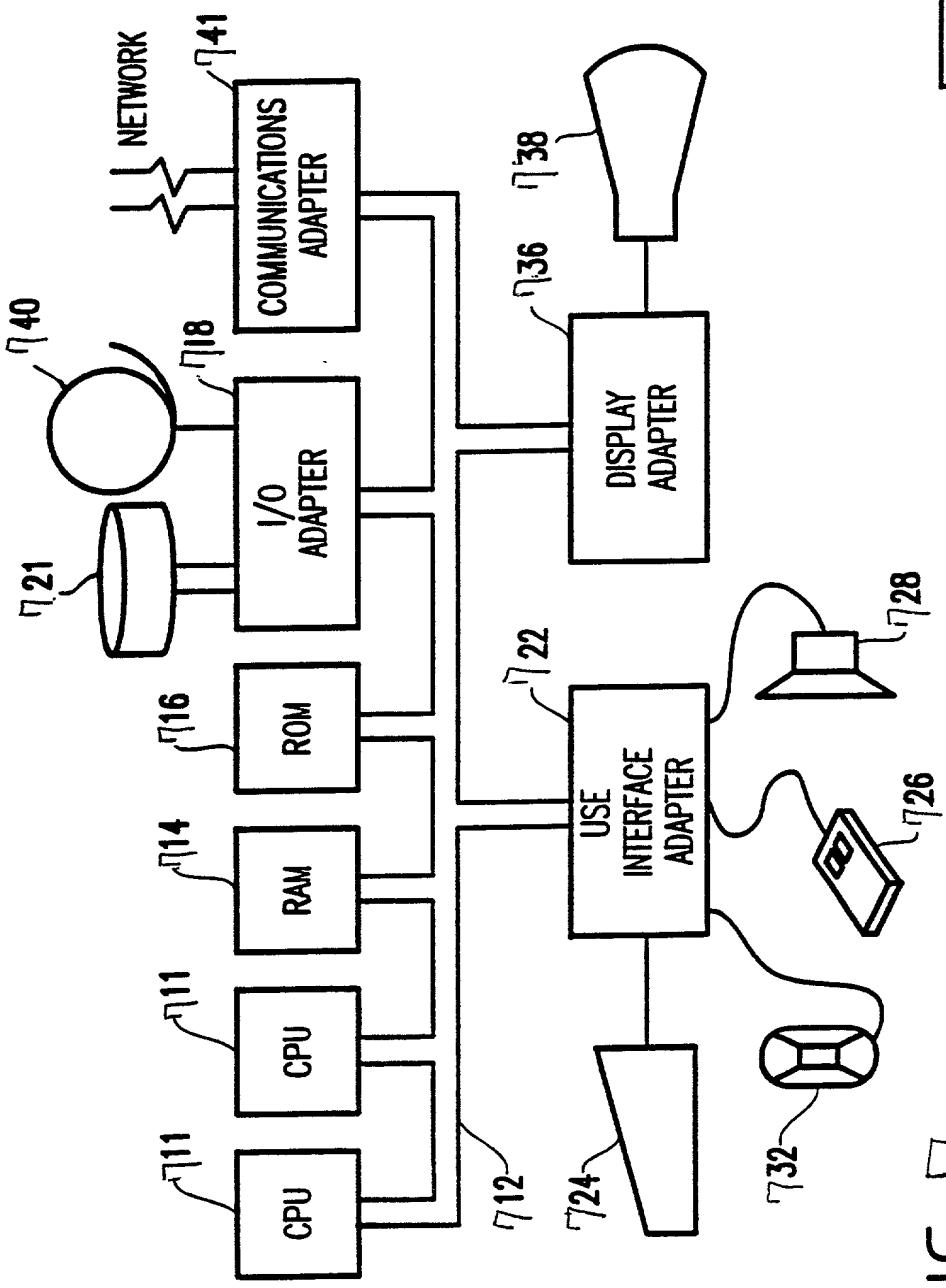


FIG. 7

FIG. 8

